रजिस्ट्री सं० डी-(डी)---78

REGISTERED NO. D-(D)—78

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं० 25] नई दिल्ली, शनिवार, जून 24, 1978 (अषाढ 3, 1900)

No. 25] NEW DELHI, SATURDAY, JUNE 24, 1978 (ASADHA 3, 1900)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टो और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 24th June 1978

APPLICATION FOR PATENTS FILED AT THE OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

18th May, 1978

538/Cal/78. Chinoin Gyogyszer Es Vegyeszeti Termekek Gyaru, R.T. Process for the commercial scale production of dialkylphosphites.

539/Cal/78. Bindu Gandhi. Textutizing apparatus.

540//Cal/78. Forest Products Utilization Laboratory. Wood preservation.

19th May, 1978

541/Cal/78. Sunil Kumar Chatterjee. Improved Oven

542/Cal/78. Ram Naresh Singh Improved Syphoning appliance.

543/Cal/78. Johnson & Johnson. Orthopedic Bandage.

544/Cal/78. Kabushiki Kaisha Kenseido and Tonnan printing Co. Ltd Method for making screens

545/Cal/78. Gentigram Corporation Speech recognition apparatus.

546/Cal/78. Dorothy Elizabeth Howe and Peter Howe. An improved freight carrier. (May 20, 1977).

547/Cal/78. Stauffer Chemical Company. "N-alkynyl-α-(substituted phenoxy) alkylamides and their use as herbicides. [Divisional date June, 1977].

20th May, 1978

548 Cal/78. Lucas Industries Limited. Multiphase full-wave rectifier assembly. (October 29, 1977).

549/Cal/78. Mobile Oil Corporation. Ethylation of toluene or ethyl-benzene with high silica/alumina Zsm-5 type catalyst.

550 Cal/78. Tata Engineering & Locomotive Company Limited. Electronic regulator for magnetorque excavator.

23rd May, 1978

551/Cal/78. Nippon Steel Corporation. A method for cooling high temperature reduced iron.

552/Cal/78. Bindu Gandhi. A process for the preparation of a dyed fabric and an apparatus therefor.

553 Cal/78. Bindu Gandhi. A heated roller adapted for use in textile apparatuses

554/Cal/78. Burroughs Corporation. Apparatus for controlling the position of a carrier means. [Divisional date June 20, 1975].

555/Cal/78. Bindu Gandhi. A texturizing apparatus

24th May, 1978

556 Cal/78. Fuji Latex Company Limited. A tool for inserting an intrauterine device and an improved intrauterine device.

557 Cal/78. Westinghouse Electric Corporation. Gas termination support system.

558/Cal/78. Montedison S.P.A. A process for the polymerization of alpha-olefins

559 Cal/78. Escher Wyss Limited. Hydroelectric machine set.

560/Cal/78. United States Borax and Chemical Corporation. Beneficiation of complex non-sulphide ores.

APPLICATION FOR PATENTS FILED AT THE (DELHI BRANCH)

24th April, 1978

293/Del/78. Vickers Limited. Improvements in or relating to under water, pipelines.

294/Del/78. Dresser Industries Inc. Improvements in high pressure diaphragm valves.

295/Del/78. Joseph Fenwick Jackson. Improvements in and relating to solid bowl decanter centrifuges of scroll discharge type. (May 4, 1977).

25th April, 1978

296/Del/78. Ferenz Kiss. Improvement in or relating to distillation apparatus.

297/Del/78 Council of Scientific and Industrial Research. A process for the recovery of lead and zinc from moore cake.

298/Del/78 Council of Scientific and Industrial Research. Improved Hurricane Lantern.

299/Del/78. Council of Scientific and Industrial Research Development of backing strip (non-metallic) for welding.

300/Del/78. Union Carbide Corporation. Electrolytic cell bottom barrier formed from expanded graphite.

301/Del/78 Uniroyal Inc Flame retarded polyurethane compositions.

302/Del/78. Uniroyal Inc. Flame retarded polyurethane compositions.

303/Del/78. UOP Inc Sulfided Acidic multimetallic catalytic composite and use thereof in hydrocarbon conversion.

304/Del/78. Orchimed S.A. A process for synthesising industrial products useful in therapeutics. [Divisional date July 27, 1976].

305/Del/78 Smithkline Corporation. Process for preparing 4-substituted imidazole compounds. (April 27, 1977.

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

20th April, 1978

115/Bom/78 Samy S. Engineer. Improvements in and relating to optical lenses and/or the like.

116/Bom/78. Harish Ramchand Manilal. Improvements in and relating to protable electric lamps and/or the like.

117/Bom/78. H M Ranadive. Improvements in or relating to planning, shaping slotting machines.

24th April, 1978

118/Bom/78. R. G. Kaswani. Electromagnetic press.

119/Bom/78 Indian Oil Corporation Limited. Process for the preparation of malarial larvicidal oil. [Divisional date July 5, 1975].

120/Bom/78 Dr. J Thaikattil. Improvements in or relating to electric stoves.

121/Bom/78 Dr. J Thaikattil. Improvements in or relating to electric stoves.

25th April, 1978

122/Bom/78 Fruchsha Nariman Contractor A device for discharging an exact quantity of liquid in one or more different measures for example from a flushing cistern

123/Bom/78. Jyoti Limited. Improvements in or relating to air break contactors.

The 26th April 1978

124/Bom/78. Hindustan Lever Limited. Synergistic compositions for promoting hair growth.

29th April, 1978

125/Bom/78. H. V. Kane. Front wheel shock-absorber suspension for a normal two wheel (pneumatic) cycle.

1st May 1978

126/Bom/78. Ahmedabad Manufacturing and Calico Printing company Limited. Process for removal and recovery of mercury known as "Calisorption process".

127/Bom/78. Ahmedabad Manufacturing and Calico Printing Company Limited. Process for recovery of mercury from solid wastes by "Calimerc process".

128/Bom/78. Ahmedabad Manufacturing and Calico Printing Company Limited. Process for removal and recovery of mercury from Effluents known as "Amalgamation process".

129/Bom/78. Ahmedabad Manufacturing ahd Calico Printing Company Limited. Process for removal of residual chlorine from effluents known as "Calidechlor process".

2nd May 1978

130/Bom/78. Dr. Rachhpal Singh Bali. Grauitation as wheel of energy.

131/Bom/78 Ahmedabad Textile Industry's Research Association. Improvements in or relating to the method of and equipment for improving the quality of sizing of warp yarns.

3rd May 1978

132/Bom/78. S. Kambli. Improvements in/or relating to aereated water dispenser and distribution system of the same.

133/Bom/78. Mrs. Sanyogta Bimbhat. Hair cutter.

4th May 1978

134/Bom/78. Mr. S. K. Desai. Improvement in padlock shackle guide.

135/Bom/78. G. G. Dandekar. Improved writing surface.

136/Bom/78. V. S. Pandit. A novel smoke ventilator.

137/Bom/78. S. M. Mondkar. A novel air lock actuated by system pressure.

138/Bom/78. R. S. Gokarn & M. R. Gokarn. A novel practical solar energy collection and distribution system and heating devices using such solar energy.

139/Bom/78. U. S. Dhale. A novel reflector device for advertisement display and method of manufacturing such device.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

8th May, 1978

65/Mas/78 P Rajarathnam. Time finder.

18th May, 1978

66/Mas/78 Raman Research Institute. A process for the preparation of 4-n-alkyl-4'-cyano biphenyls.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents of any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules,

1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect or each such application on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8 Kiran Shankar Ray Road, Calcutta in due Course. The Price of each specification is Rs. 2/- (postage-extra if sent out of India) Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 102-D. 144708.

Int. Cl. F15b 1/00.

A PRESSURISED FLUID SUPPLY APPARATUS.

Applicant : POCLAIN, OF 60330 LE PLESSIS BELLEVILLE, FRANCE.

Inventors : LOUIS E. MARTIN.

Application No. 2514/Cal/74 filed November 14, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 19/2) Patent Office, Calcutta.

9 Claims.

A pressurised fluid supply apparatus comprising :

a closed circuit including a variable delivery pump having a drive shaft and no flow-limitation;

an open circuit including a pump, having a drive shaft, a fluid reservoir and a fluid cooler;

an engine for driving said pumps and having an output shaft to which are coupled said drive shafts of said pumps, and

a flow-limiter arranged in the delivery conduit of said pump of said open circuit the opening of said flow-limiter being independent of the pressure of the fluid in the portion of said delivery conduit immediately upstream of said flow-limiter.

CLASS 102-D. 144709.

Int. Cl. C16k 11/00.

A CONTROL VALVE SYSTEM AND VALVE ARRANGEMENT THEREFOR.

Applicant : S. R. M. HYDROMEKANIK AKTIEBOLAG. OF BOX 16, STOCKHOLMVALLINGBY 1, SWEDEN.

Inventor : KARL GUSTAV AHLEN.

Application No. 182/Cal/75 filed January 30, 1975.

Convention date February 14, 1974(6856/74) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A valve arrangement primarily for controlling the flow of fluid in hydrodynamic torque converter transmission wherein all the valve seats are coaxially arranged and have associated co-axial valve discs, and axial thrust elements which actuate the valve discs in response to a manual or servo motor setting of the thrust elements.

CLASS 102-D. 144710.

Int. Cl. F16h 41/00.

IMPROVEMENTS IN AND RELATING TO HYDRODYNAMIC TORQUE CONVERTER TRANSMISSIONS.

Applicant : S. R. M. HYDROMEKANIK AKTIEBOLAG. OF BOX 16, STOCKHOLM-VALLINGBY 1, SWEDEN.

Inventor : KARL GUSTAV AHLEN.

Application No. 183/Cal/75 filed January 30, 1975

Convention date February 14, 1974(6856/74) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A transmission including a hydrodynamic torque converter of the rotatable casing type and having a stationary housing and utilizing a guide vane ring which in one driving range acts as a turbine member for transmitting torque over a gear and which in another driving range is held stationary to function as a stationary guide vane ring, characterized by a central assembly of associated components mounted in the stationary housing and comprising a central stationary member, at least one servo brake, at least parts of one planetary gear, and fluid communication means principally disposed within the central stationary member for conveying fluid to and from a control valve system accessible from the outside of the stationary housing.

CLASS 141-D. 144711.

Int. Cl. C04b 3/00.

IMPROVEMENTS RELATING TO THE METHOD AND PLANT FOR CALCINATION OF PULVEROUS MATERIAL.

Applicant : F. L. SMIDTH & CO. A/S OF 77, VIGERSLEVALLE, DK-2500 COPENHAGEN VALBY, DENMARK.

Inventors : SOREN BENT CHRISTIANSEN.

Application No. 885/Cal/75 filed May 2, 1975.

Convention date May 10, 1974(20839/74) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A method of carrying out at least the partial calcination of a preheated pulverous raw material containing lime before the raw material is passed down through an inclined rotary kiln for finishing heat treatment in the kiln, wherein hot raw material is brought into contact with the kiln exit gases in the upper end of the kiln in such manner that the material is carried out of the kiln suspended in the kiln exit gases and while in suspension is at least partly calcined by the heat contained in the gases and created by burning fuel which is added to the upper and or lower end of the kiln and the combustion of which is substantially nourished by air or other oxygen containing gas introduced through the lower end of the kiln, the material being subsequently separated from the gases and fed into the upper end of the kiln in such a manner that it passes down the kiln for further treatment without being carried out of the kiln by the kiln exit gases.

CLASS 102-B. 144712.

Int. Cl. E15b 13/02.

IMPROVEMENT RELATING TO HYDRAULIC TRANSMISSION OF RAIL LOCOMOTIVE AND GROUND VEHICLES.

Applicant & Inventors : KIRON ANANDA MITTER, 25 PANDITIYA PLACE, CALCUTTA-29 & ARUP MITTER, 25 PANDITIYA PLACE, CALCUTTA-29, WEST BENGAL, INDIA.

Application No. 1410/Cal/75 filed July 19, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A hydrostatic transmission for ground vehicle and rail locomotive in which four single or multistage centrifugal pumps give three different head and flow characteristic by operating them in series—series parallel or parallel through selective direction control valves, the hydraulic head thus created being used for driving one or more rotary hydraulic traction motors.

CLASS 4A$_6$. 144713.

Int. Cl. B64c. 3/12, 11/16.

A ROTOR ASSEMBLY FOR A GAS TURBINE ENGINE AND METHOD OF MAKING THE BLADE SUPPORT DISC FOR THE ROTOR ASSEMBLY.

Applicant: UNITED TECHNOLOGIES CORPORATION, ALFI, FINANCIAL PLAZA, HARTFORD, CONNECTICUT, UNITED STATES OF AMERICA.

Inventor: CORNELIUS VICKERS SUNDT.

Application No. 233/Cal/76 filed February 9, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A rotor assembly for a gas turbine engine comprising :

a blade support disk having an upstream web, a downstream web and an arcuate plug joining the upstream web to the downstream web at the periphery of the disk, and having a plurality of essential axial slots machined into the outer periphery of the disk; and

a plurality of compressor blades, one blade extending a radially outward direction from each axial slot in the disk.

CLASS 80-G & 84C. 144714.

Int. Cl. B01d 37/00; C10b 45/00.

A PROCESS FOR THE REMOVAL OF WATER FROM A MIXTURE SUBSTANTIALLY MADE UP OF GASIFICATION COAL AND WATER.

Applicant: AKZO N. V. OF IJSSELLAAN 82, ARNHEM, THE NETHERLANS.

Inventor: EDDY BLOEM

Application No. 303/Cal/76 filed February 20, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A process for the removal of water for producing an aqueous coal suspension having a coal concentration of 12 to 25% by weight from a mixture substantially composed of gasification coal and water which comprises dynamically expressing the mixture using a band filter press, during each making an angle of at least 90°, and at least one of the cycle the filter bands changing direction several times whilst bands being permeable to water.

CLASS 84A & B & C$_1$ & 131B$_1$. 144715.

Int. Cl. E21c 49/00.

IMPROVED METHOD OF UNDERGROUND GASIFICATION OF A COAL BED.

Applicant: VSESOJUZNY NAUCHNO-ISSLEDOVATELSKY INSTITUTE ISPOLZOVANIA GAZA V NARODNOM KHOZYAISTVE, PODZEMNOGO KHRANENIA NEFTE NEFTEPRODUKTOV I SZHIZHENNYKH GAZOV VNIIPROMGAZ' OF B. SERPUKHOVSKAYA ULITSA, 10 MOSCOW, USSR.

Inventors: ROZAIVANOVNA & EFIM VULFOVICH KREININ.

Application No. 332/Cal/76 filed February 25, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

In an improved method of underground gasification of a coal bed, (including) the improvement which comprises the step of dewatering or drying in advance the coal bed until the specific flow of water to said coal bed is reduced to a value of at least 3.0 m^3/hr, by pumping said water out via a first series of wells, gassing out the coal by supplying a blowing agent to the incandescent surface of coal through a system of blowing wells, withdrawing the products of gasification through a system of gas withdrawal wells, while continuing said dewatering step by pumping said water from the gassed-out space created during said gasification, via a second series of wells, and optimizing the gassing-out of said coal bed at a rate selected to correspond to natural conditions, such as thickness(m) of the coal bed, the quality of the coal, the water flow(W) of the gasification zone the process being conducted in accordance with the following expression :

$$I \geq 0.506 \left(\frac{Q^r_H \times V^r}{Q_H} \right) - 1.9 \leq \left(0.702 - 0.659 \frac{Q^r_H \times V^r}{Q_H} \right)$$

where W is the amount of water flowing into gasification zone m^3/hour;

I is the amount of coal gassed out per unit of time; tone/hour; (the intensity of the process);

Q^r_H is the combustion heat of the gas, Kcal/m^3,

V^r is the yield of gas from 1.0 Kg of coal, m^3

Q is the lowest combustion heat of coal, Kcal/m^3

m is the thickness of the coal bed, in metres whereby control and stabilization of the method of underground gasification of a coal bed is more practical and convenient.

CLASS 32F$_1$ & F2c. 144716.

Int. Cl C07c 121/14.

A METHOD FOR THE PREPARATION OF 3, 7-DIMETHYL-3-HYDROXY-OCTANENITRILE.

Applicant: ANIC S.P.A. OF VIA M. STABILE 216, PALERMO, ITALY.

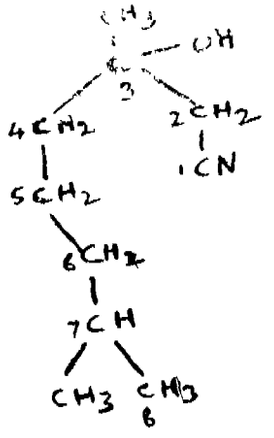
Inventors: RENATO DE SIMONE, (2) EDOARDO PLATONE, & MORELLO MORELLI.

Application No. 1337/Cal/76 filed July 27, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A method for the preparation of 3, 7-dimethyl-3-hydroxy-octanenitrile of formula I.



characterized in that 3, 7-dimethyl-6-octenenitrile of formula III.

is hydrogenated on palladium supported by activated char at room temperature and under a hydrogen pressure of about 760 millimeters of mercury.

CLASS 35E & 48-C. 144717.

Int. Cl. C04b 35/22.

IMPROVED PROCESS FOR MAKING A LOW-LOSS CERAMIC BODY FOR USE IN ELECTRONICS AND ELECTRIC INDUSTRIES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors : SATYA BHUSHAN ROY, SUKHENDRA KISORE CHAKHAVORTTY, & DEVDAS CHATTOPADDYAY.

Application No. 1547/Cal/76 filed August 23, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, New Delhi.

9 Claims. No drawings.

An improved process for making a low-loss ceramic body for use in electronics and electric industries which comprises admixing wallostonite in powder form with a binder such as herein described shaping and then firing, characterised in that wollastonite is preheated at 700-1000°C, powdered and then mixed with the said binder further mixed with a fluxing material, thus formed solid mass being shaped, dried at 100°C and then fired at 110-1300°C to obtain the finished ceramic body.

CLASS 32F$_{2}$C. 144718.

Int. Cl. C07c 127/12.

METHOD FOR SYNTHESIZING n-METHYL UREAS.

Applicant : SNAMPROGETTI S.P.A. OF CORSO VENEZIA 16, MILAN, ITALY.

Inventors : UGO ROMANO, & GIUSEPPE IORI.

Application No. 2141/Cal/76 filed December, 1, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents, Rules, 1972) Patent Office, Calcutta.

5 Claims.

A method for the synthesis of N-methyl-ureas comprising the step of hydrogenating such as hereinbefore described in an acidic environment, a mixture of urea and formaldehyde.

CLASS 195-C. 144719.

Int. Cl. F16k 3/10.

IMPROVEMENTS RELATING TO SLIDING GATE VALVES.

Applicant : FLOGATES LIMITED, OF SANDIRON HOUSE, BEAUCHIEF, SHEFFIELD S7 2RA, YORKSHIRE, ENGLAND.

Inventor : JOSEF LOTHMANN.

Application No. 185/Cal/75 filed January 30, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims. No drawings.

A sliding gate valve for a molten metal pouring vessel, comprising a fixed plate and a slide plate in sliding contact therewith, the valve including spring elements bearing on the slide plate and urging it against the fixed plate, and the spring elements comprising closed, expansible confinements individually hermetically-sealed and filled with gas or vapour under pressure, the confinements each incorporating a bellows.

CLASS 24-D$_{4}$. 144720.

Int. Cl. B60t 1/08.

FLUID PRESSURE OPERABLE BRAKE ACTUATORS.

Applicant : WESTINGHOUSE BRAKE AND SIGNAL COMPANY LIMITED, OF 3, JOHN STREET, LONDON WC1N 2ES, ENGLAND.

Inventors : JOHN DALE COLEMAN & PHILIP NORMAN PAGINTON.

Application No. 2632/Cal/74 filed November 26, 1974.

Convention date December 12, 1973 (57654/73) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A fluid pressure operable brake actuator including a housing having a brake force output member movable therein and actuable by a first fluid pressure responsive member the actuator also including a further fluid pressure responsive member in a chamber sealed from the first member and being separately pressurable to follow and engage means connected in effect to said first pressure responsive member and having locking means coupled to and operable in conjunction with the further member to lock-in a brake application only when the further member is actuated and a third member operation of which is required to actuate the locking means to unlock a locked-in brake application.

CLASS 131-A$_{2}$ & B$_{3}$. 144721.

Int. Cl. E01g 3/00; E 21b.

SYSTEM FOR TUNNEL AND DUCT CONSTRUCTION BY MEANS OF MODULAR ELEMENTS.

Applicant & Inventor : LUCIO ARANA SAGASTA, OF COSE STREET, 34, ZARAGOSA, SPAIN.

Application No. 2770/Cal/74 filed December 17, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A system for tunnel and duct construction by means of modular elements, characterized by simultaneous tunnel or gallery excavation, a certain distance from the excavating front being maintained, the modular metallic plates are applied, having a curvature adequate to the excavation, said plates being joined together by means of a union in such a way that they form a continuous resistant structure at the same time that the framework of the concrete mortar is poured and vibrated between the covering and the excavated vault.

CLASS 181 & 190B. 144722.

Int. Cl. F02c 7/28.

AN IMPROVED SEAL FOR TURBO-MACHINES AND A TURBO-MACHINE CONTAINING THE SEAL.

Applicant : DRESSER INDUSTRIES, INC., OF REPUBLIC NATIONAL BANK BUILDING, P.O. BOX 718, DALLAS, TEXAS 75221, U.S.A.

Inventors : ALBERT CHARLES SCHIRM & FRED KURT KUNDERMAN.

Application No. 2750/Cal/74 filed December 16, 1974.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

An improved seal for turbo-machines including a housing, a shaft journaled in the housing a cavity in the housing encircling the shaft and means for applying fluid pressure in the cavity, said seal being adapted for location in the cavity and comprising :

an annular seal body having first and second ends, a surface portion on said first end arranged to frictionally and sealingly engage the housing, a bore extending therethrough intersecting said ends and sized to receive the shaft, a sealing surface in said bore adjacent the shaft and cooperable with the shaft to prevent fluid flow between said sealing surface and the shafts, and a counterbore in said second end; and a plurality of bearing shoes movably attached to said body and located in said counterbore, said shoes having a generally arcuate inner surface arranged to slidingly mate with the shaft to maintain said sealing surface concentric with the shaft, whereby fluid pressure applied in the cavity biases said surface portion against the housing to aid in stiffering the shaft.

CLASS 113-G. 144723

Int. Cl. B60q 1/00.

MOTOR VEHICLE WITH HEADLAMP TILTING MECHANISM.

Applicant : THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM, ENGLAND.

Inventors : FREDERICK RAYMOND PATRICK MARTIN.

Application No. 543/Cal/75 filed March 19, 1975.

Convention date March 30, 1974 (14218/74) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A motor vehicle including a vehicle body, wheels upon which said vehicle body is mounted, headlamps mounted on the vehicle body for tilting movement, and means for tilting said headlamps, said tilting mean including a sensor device having a lever pivotally mounted on a sprung part of the motor vehicle, and manually operable means for moving the lever out of engagement with said member whereby the tilting means can be rendered inoperative when desired.

CLASS 127-C. 144724.

Int. Cl. F16g 7/22.

MULTI-RIBBED POWER TRANSMISSION BELT AND METHOD OF MAKING SAID BELT.

Applicant : THE GOODYEAR TIRE & RUBBER COMPANY, AT 1144 EAST MARKET, STREET, AKRON, OHIO, UNITED STATES OF AMERICA.

Inventors : DELYN MARLOWE STORK.

Application No. 854/Cal/75 filed April 28, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

A belt of integral construction comprising a longitudinally continuous singular body having first and second surfaces which are equally spaced apart across the width and throughout the continuous length of the body, said body comprising a neutral axis plane extending throughout the length of said belt and defining a tension section on one side thereof extending toward the first surface of said belt and a compression section on the other side thereof, a laterally continuous part of the tension section extending transversely across the entire width of the belt, and at least one groove in said compression section extending from the second surface through said compression and neutral axis sections into a portion of said tension section to form a plurality of power transmitting ribs extending longitudinally of the belt to provide a tension section, compression section and neutral axis plane in each individual rib, said laterally continuous part of the tension section being a continuum of each tension section of each individual rib and being non-separately attached to each rib.

CLASS 205-B. 144725.

Int. Cl. B60c 25/16.

MACHINE FOR TREATING WORN OUT PNEUMATIC TYRES AND FOR APPLYING A PRE-MOULDED TREAD RING.

Applicant : METEC AG MECHANIK UND TECHNIK ENGINEERING, OF 9100 HERISAU, SWITZERLAND.

Inventor : CARLO MARANGONI.

Application No. 1039/Cal/75 filed May 22, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A machine for treating a pneumatic tyre having a worn-out tread and applying to the tyre carcass a pre-moulded annular tread ring, the machine including :

a radially expansible self-centering chuck provided with a valve for the inflation of a pneumatic tyre positioned thereon and with a peripheral beads for embracing the edges of the tyre;

a roller actuated by a motor for pressing on the peripheral portion of the tyre disposed on the chuck to cause rotation of the tyre;

a device disposed on one side of the chuck and provided with a movable gouge for peeling off the worn out tread, the motion of the gouge during peeling being determined by the profile of a template;

a device disposed on one side of the chuck and provided of the tyre carcass disposed on a side of the chuck opposite to that of the said device for peeling off the wornout treat said device for finishing treatment including two rotatable brushes driven by a motor, the brushes and motor being mounted on an arm which is movable to allow contact of the brushes with the rough-peeled surface; and

an expanding unit for expanding the annular tread ring to enable the tread ring to be placed on the tyre carcass, the expanding unit being displaceable on rails in a direction parallel to the axis of the chuck and including at least three equi-

spaced tread ring support arms, each arm forming part of a respective parallelogram linkage and each arm having an end portion provided with oppositely-facing surfaces, the surface or surfaces facing in one direction serving to engage the inner surface of the annular tread ring and the surface or surfaces facing the opposite direction serving to engage the peripheral surface of the tyre carcass.

CLASS 47-C. 144726

Int. Cl. C10L 9/06.

A PRECONDITIONING TREATMENT OF COAL TO MINIMIZE AGGLOMERATION.

Applicant : UNION CARBIDE CORPORATION, AT 270 PARK AVENUE, NEW YORK, STATE OF NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors : CHARLES WILLIAM ALBRIGHA & HUBERT GREENIDGE DAVIS.

Application No. 2396/Cal/75 filed December 26, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

15 Claims.

A method of preconditioning coal particles to substantially prevent agglomeration of said particles in a fluid-bed reaction zone of a reactor wherein a dense phase flow of said particles is preheated in the absence of oxygen to a first predetermined temperature and an oxygen-containing gas is preheated to a temperature substantially equal to said first predetermined temperature; wherein said preheated particles and similarly preheated gas are introduced into a standpipe in an upwards direction, the oxygen-containing gas entering the standpipe having a superficial gas velocity greater than the free fall velocity of the largest coal particle, the amount of oxygen in the gas and the superficial gas velocity being so controlled that the oxygen is substantially consumed and the coal particles leave the standpipe substantially free of oxygen characterized in that (a) the first predetermined temperature is between about 280°C and about 420°C and the coal particles preheat time is sufficiently brief to avoid significant agglomeration of said particles; (b) the amount of said oxygen in said gas is between about 0.5 and about 6 weight percent of said particles and the exothermic oxidation increases the temperature of said particles up to 80°C per weight percent oxygen to said particles, and that said particles leave said standpipe in about 20 seconds to about 300 seconds/(c) the oxidation temperature of said particles is regulated within said standpipe to a second predetermined temperature between about 380°C and about 480°C, a temperature within the plastic transformation-temperature of said particles; and (d) the oxidized particles are introduced at said second predetermined temperature into a cooling zone wherein the temperature of said particles is regulated to a third predetermined temperature between about 300°C and about 400°C

CLASS 56G 144727

Int. Cl. B01d 3/00; F24g 3/00.

SOLAR POWERED DISTILLING DEVICE

Applicant & Inventor : YAO CHEN TSAI OF NO. 10, LANE 177, PEI HSING STREET, CHIA 1, TAIWAN, REPUBLIC OF CHINA.

Application No. 583/Cal/76 filed April 2, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A distilling device adapted to utilize solar energy said device comprising :

a tray; a transparent cover on said tray;

a transparent condensation plate mounted on said tray;

a transparent corrugated partition mounted on said tray between said tray and said condensation plate so that a top side of said partition defines the condensation chamber with a bottom side of said condensation plate and a bottom side of said partition defines the vaporization chamber with said tray, said condensation plate being mounted between said partition and said cover so that a top side of said condensation plate defines a cooling air chamber with a bottom side of said cover, said partition having a multiplicity of holes defined therein, that portion of said tray forming said vaporization chamber with said partition having attached thereto a layer of heat insulating material;

inlet means on said tray for conducting water to be vaporized into said vaporization chamber;

a plurality of different focal length solar energy focusing lenses on said cover for focusing solar energy through said cooling air and condensation chambers and said partition and said condensation plate onto the water located in said vaporization chamber to form water vapor which passes through the holes in said partition form said vaporization chamber into said condensation chamber, said lenses having a plurality of different focal lengths to focus solar energy at different levels in said vaporization chamber, thereby focusing solar energy into, on and above water in said vaporization chamber;

air inlet means on said cover for conducting cooling air into said cooling air chamber to contact said condensation plate to side for maintaining said plate at a temperature below the condensation temperature of the water in said vaporization chamber;

a condensate collecting means connected to said tray for collecting the condensate formed on said condensation plate; and

outlet means connected to said condensate collecting means for withdrawing the collected condensate from said condensate collecting means.

CLASS 195-E. 144728.

Int. Cl. G05d 16/10.

FLOW REGULATOR.

Applicant : POCLAIN, OF 60330 LE PLESSIS-BELLEVILLE, FRANCE.

Inventor : PIERRE CHRISTIAN FILLION.

Application No. 1097/Cal/76 filed June 21, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A flow regulation device constituted by a main regulator, which is disposed in the delivery pipe of a fluid motor and of which the opening is controlled by the feed pressure of said motor against the action of an elastic return member, wherein, downstream of the main regulator with respect to the motor there is disposed a restriction in the delivery pipe, whilst the closure of the regulator is also controlled by the pressure of the fluid contained in the delivery pipe between the restriction and the main regulator.

CLASS 28-G & 180 144729

Int. Cl. F24c 5/04.

IMPROVED KEROSENE WICK STOVE

Applicant : INDIAN OIL CORPORATION LTD., 254-C DR. ANNIE BESANT ROAD PRABHADEVI BOMBAY-400025 MAHARASHTRA, INDIA.

Inventors : RAJ KUMAR GUPTA (2) ASHOK KUMAR MEHTA & RAMESH KUMAR BAJPAYEE.

Application No. 6/Bom/76 filed January 7, 1976.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Bombay Branch

8 Claims

An improved kerosene wick stove having high termal efficiency comprising a plurality of wicks within an annular ring extending from a kerosene reservoir to the combustion chamber of a burner assembly consisting of an outer burner casing and perforated inner and outer sleeves, wherein the improvement comprises in the provision of said outer/burner casing as tiple walled and a preheater for the primary air admitted to the burner to effect the maximum thermal efficiency and to reduce loss of heat of combustion by radiations.

CLASS 119F$_4$. 144730

Int. Cl. D03d 49/26.

IMPROVEMENT IN OR RELATING TO PICKING MECHANISM IN AND FOR OVERPICK LOOM.

Applicant : AHMEDABAD TEXTILE INDUSTRIES RESEARCH ASSOCIATION, P.O. POLYTECHNIC, AHMEDABAD-380015, GUJARAT, INDIA.

Inventor : RAMKRISHNA BABURAO JADHAV, (2) CHITHATHOOR GOPALAN VENKATARAMANAN, (3) PRADYUMANSINH BALVIRSINH JHALA.

Application No. 94/Bom/76 filed March 17, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

8 Claims.

In and for a picking mechanism of an overpick loom a buffer comprising an outer housing and an inner member, said outer housing being a thick walled substantially tubular member of rubber or like shock absorbing material; said inner member being a block of similarly shock absorbing material; said block being solid or hollow with thick walls, and of tubular or cylinderical but preferably of square section said inner member being spaced from the walls of said outer housing on all side except one where it is joined to the wall of the outer housing the buffer being adapted to be fastened to a bracket on the loom frame so as to be in the path of travel of picking stick near the end of the its stroke.

CLASS 120B$_2$ & B$_5$. 144731.

Int. Cl. B67d 5/04.

A LUBRICATING DEVICE.

Applicant & Inventor : PUTTUR RANGASWAMY SRINIVASAN, OF PRS EQUIPMENT DIVISION, NO. 6, BANGALORE CO-OPERATIVE INDUSTRIAL ESTATE LIMITED, OKALIPURAM, BANGALORE-560 021, KARNATAKA, INDIA.

Application No. 34/Mas/76 filed February 25, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

6 Claims.

A lubricating device comprising a reservoir of lubricating oil and a cylinder connected thereto, the cylinder accommodating a reciprocating piston and being provided with non-return valve means, for drawing in the oil and ejecting it therefrom; means for moving the piston reciprocatingly; at least one chamber the inlet of which is connectable to the cylinder and which is provided with non-return valve means for receiving and storing a predetermined quantity of the oil ejected from the cylinder, the chamber being also provided with means for discharging through its outlet the oil stored therein.

CLASS 50B. 144732.

Int. Cl. F28c 1/00.

EARTHENWARE AIRCOOLER.

Applicant & Inventor : DHARAPURAM KRISHNASWAMYRAO MURALI, HARISH NIWAS RAMESHNAGAR, HOSHIARPUR 146001, U.P. INDIA.

Application No. 74/Del/76 filed December 29, 1976.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, New Delhi

2 Claims.

An aircooler which consists of earthenware tubes containing water, fixed to the bottom of vessel also containing water, this assembly resting in a wooden frame and attached to an electric fanthrough wooden casing and the whole arrangement being such that the atmospheric dry air passes through the aircooler, gets cooled by the earthenware tubes kept moist and cool by water and comes out through the fan completely cooled.

CLASS 36A$_1$ & 36A$_3$ & 163B$_1$ & D. 144733.

Int. Cl. F04d 3/00.

Axial Flow Fans.

Applicant : AKTIEBOLAGET SVENSKA FLAKTFABRIKEN, SICKLA ALLE 1, NACKA STOCKHOLM, SWEDEN.

Inventors : KARL ERIK FREDRIK FERMER, & DENNIS INGEMAR SVENSSON

Application No. 727/Cal/75 filed April 11, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

4 Claims.

An axial flow fan comprising a hollow cylindrical hub for receiving a drive shaft; a rim having a peripheral wall concentric with and radially spaced from the hub an integral annular flange projecting toward the hub and an integral end wall disposed in a plane perpendicular to the axis of the hub and fixed to the hub, said peripheral wall, end wall and annular flange being pressed from a single piece of metal said peripheral wall having a plurality of radially facing apertures spaced apart along its circumference the wall of each of said apertures forming an annnular flange projecting inwardly toward the axis of the hub; a plurality of radially disposed fan blades, each having an inner end protruding outwardly through one of the apertures in the peripheral wall of the rim from a location radially inward of the respective peripheral flange a plate disposed radially inwardly of each aperture in the peripheral wall of the rim in a plane perpendicular to a rim radius passing through the respective aperture said plate having an aperture concentric with the respective rim aperture, the inner end of the respective fan blade passing through the plate aperture and being connected to the surface thereof facing the hub by a pivot-like connection for permitting swinging movement of the blade relative to the rim generally about an axis which is disposed in a plane perpendicular to a rim radius passing through the connection; means connecting said plate to the inner surface of the peripheral wall of the rim; and means for adjusting the angular position of the plate with respect to the axis of the respective aperture in the peripheral wall of the rim.

CLASS 24-D$_2$. 144734.

Int. Cl. F16d 65/20.

BRAKE PRESSURE CONTROL VALVES.

Applicant : GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, ENGLAND.

Inventor : GLYN PHILLIP REGINALD FARR.

Application No. 908/Cal/75 filed May 6, 1975.

Convention date May 17, 1974 (22120/74) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A pressure control valve for a braking system having separate pressure circuits, comprising a control valve member movable to control communication between an inlet chamber and an outlet chamber for connection in one of the circuits, resilient means biasing the control valve member in a sense to hold the valve open the control valve member having an extension which passes sealingly from the outlet chamber into a space intermediate and in use sealed from the two circuits and a pressure responsive member separate from the control member and subject in use to the pressure prevailing in the other circuit, the pressure responsive member engaging the control member within said space and being operable under the last-mentioned pressure to overcome the biasing force of the resilient means to displace the control valve member has a cross-sectional area which is smaller than any other part of the control valve member.

CLASS 107-G. 144735

Int. Cl. F02b 77/08.

BLOKAGE INDICATOR FOR AIR CLEANER ELEMENT FOR INTERNAL COMBUSTION ENGINE.

Applicants & Inventors : EDUARD MATVEEVICH GENSHRING, KAZAN, ULITSA 2, GAZOVAYA 5, KV. 316,

USSR (2) ZIGMUND GENRIKHOVICH BIJUMSHTEIN, KAZAN, ULITSA PAVLUJUKHINA 85, KV. 25, USSR. (3) VENIAMIN FVNOVICH MAEV, CHERNOMORSKY BULVAR 4, KV. 266, MOSCOW, USSR. (4) FEDOR ALEXEEVICH BONDARENKO, PRESNENSKY VAL 40 KV. 101 MOSCOW, USSR. (5) ANATOLY LVOVICH GUTMAN, MINSK, ULITSA ENISEISKAYA 6, KV. 14, MINSK, USSR. (6) VLADIMIR ALEXANDROVICH PRESMAN, PEREULOK KOZLOVA 8, KV. 10, USSR.

Application No. 2145/Cal/75 filed November 10, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A blockage indicator for the air cleaner element in an internal combustion engine which indicator has a cylindrical housing closed at one end by a bottom head with a hole for said indicator to communicate with the cleaned-air chamber of the air cleaner involved; on the side wall of said housing, in close proximity to the other end thereof, being provided at least one port; said housing accommodating a resilient member constructed in the form of a spring loaded diaphragm secured around the periphery which housing and diaphragm form a sealed-off chamber arranged to communicate with the cleaned air chamber of the air cleaner said diaphragm being arranged to actuate an indicator drum accommodated inside the indicator housing the bottom wall of said indicator drum facing toward the diaphragm and the exterior side surface of said indicator drum having painted signalling areas, said indicator drum being carried on a stationary shaft located in line with the axis of the indicator housing and fixedly mounted on the indicator housing end wall nearest the port, said indicator drum being secured by means of a locating element which fixes the drum axially; there being provided a locking device to hold the indicator drum in position relatively to the indicator housing, which device is located between the indicator drum bottom wall and the diaphragm and is arranged to interact with said indicator drum and said diaphragm in such a manner as to lock the indicator drum in the normal position where the painted signalling surface of the indicator drum does not show through the indicator housing port; a spring being mounted inside the indicator drum, which spring is adapted to turn the indicator drum into the warning position in which the painted signalling surface of the indicator drum shows through the indicator housing port

CLASS 85Q. 144836.

Int. Cl. F27b 7/00.

SMELTING FURNACE.

Applicant : ELKEM-SPIGERVERKET A/S, OF ELKEMHUSET, MIDDELTHUNSGATEN 27, OSLO, NORWAY.

Inventors : HAROLD KROGSRUD.

Application No. 1011/Cal/75 filed May 20, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A smelting furnace whose furnace pot is divided horizontally in an upper and a lower portion, one of which is rotatable in relation to the other and which are sealed together by means of a gas seal.

CLASS 63H 144737.

Int. Cl. H01f 13/00.

A MAGNET FOR ENERGISATION BY ALTERNATING CURRENT.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : SIEGFRIED SEIDEL.

Application No 1028/Cal/75 filed May 21, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A magnet, for energisation by alternating current having a laminated pole arm having a pole face with grooves extending transversely of the direction of the laminations, and characterised by that the upper edges of the walls of the groove in which groove the short-circuiting loop is disposed are urged towards the bottom of the groove thereby forming zones of the pole arm which are pressed towards the bottom of the groove over the said loop.

CLASS 205-H. 144738.

Int. Cl. B29h 5/02.

PROCESS FOR MAKING A RADIAL PLY TYRE AND A RADIAL PLY TYRE PRODUCED THEREBY.

Applicant & Inventors : PTER JAN KENT, OF BEECHWOOD BEECH, ALTON, HAMPSHIRE, ENGLAND & JOHN ERIC PHILIPS, OF 16 PARTRIDGE GREEN, ALTON, HAMPSHIRE, ENGLAND.

Application No. 2196/Cal/75 filed November 17, 1975.

Convention date November 28, 1974 (51585/74) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A process for making a radial ply tyre comprising the successive steps of :

(a) precisely locating a tread band of precured elastomeric material in a ring mould so that the band is retained therein;

(b) circumferentially locating a breaker assembly on the inner surface of the tread band while the band is retained in the mould;

(c) accurately positioning an uncured tyre carcass relative to the cobination of tread band and breaker assembly and,

(d) bringing the tyre carcass into contact with the cobination, the resulting assembly of tread band, breaker assembly and carcass being bonded together and cured to form a finished tyre.

CLASS 85-L. 144739.

Int. Cl. F23g 1/00.

IMPROVED CREMATION FURNACE.

Applicant : BBC BROWN, BOVERI & COMPANY LIMITED, OF BADEN, SWITZERLAND.

Inventors : EUGEN HITZ.

Application No. 427/Cal/76 filed March 10, 1976.

Convention date February 4, 1976 (04453/76) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A cremation furnace with electric heating or with gas heating wherein after burner passages are provided with additional heating means.

CLASS 151-A. 144740.

Int. Cl. C16-L, 9/10.

IMPROVEMENTS IN OR RELATING TO THE PRODUCTION OF TUBES OF SINTERED CERAMIC MATERIAL.

Applicant : CHLORIDE SILENT POWER LIMITED, OF 52, BROSVENOR GARDENS, LONDON, SWIW OAU, ENGLAND.

Inventors : DR. GEOFFREY JOHN MAY, & GILBERT SANDS.

Application No. 1166/Cal/76 filed June 30, 1976.

Convention date July 9, 1975 (28946/75) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A method of zone sintering a tube of ceramic material in which the tube formed from compressed powdered oxide material is zone sintered by passing it longitudinally through a rotating furnace tube characterised in that the green shape, before it is fed into the furnace tube, is given longitudinal and rotational movement at speeds corresponding to the longitudinal and rotational movement in the furnace tube.

OPPOSITION PROCEEDINGS

An opposition has been entered by Indo National Limited to the grant of a patent on application No. 143535 made by Rathindra Nath Datta.

CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(3)

(1)

The title of the invention in the application and specification of patent No. 142305 (earlier numbered as 2231/Cal/74) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 25th June 1977 has been corrected to read as "Method of manufacturing an arcuate card-clothed element, an element manufactured thereby and a carding device" under Section 78(3) of the Patents Act, 1970.

(2)

The title of the invention in the application and specification and also the opening description of the specification of Patent No. 142309 (earlier numbered as 2316/Cal/74) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 25th June 1977 has been corrected to read as "An automobile battery" under sub section (3) of Section 78 of the Patents Act, 1970.

(3)

The title of the invention in the application and specification of patent No. 142368 (earlier numbered as 2130/Cal/76), the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 25th June 1977 has been corrected to read as "An improved method for the production of sponge iron and a rotary kiln for producing the same" under Section 78(3) of the Patents Act, 1970.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8 Hastings Street, Calcutta, at two rupees per copy :—

94864 96088 96307 96579 97291 98146 98360 98621 99052

(2)

111776 112624 113041 113066 113103 113114 113115 113118 113141 113252 113474 113590 113809 114847 115351 115418 118451 118680 119450

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106007 130018 130296 137208 137231 137235 137236 137239 137240

PATENTS SEALED

142396 142397 142399 142466 142506 142507 142515 142521 142546 142549 142573 142574 142591 142598 142599 142603 142605 142606 142608 142612 142634 142638 142654 142657 142715 142721 142723 142725 142745 142755 142772 142773 142783 142788 142791 142797 142815 142821 142833 142852 142853 142870 142893 142894

Claim under Section 20(1) of the Patents Act, 1970

The claim made by Foseco Trading A. G. under Section 20(1) of the Patents Act, 1970 to proceed with the application for patent No. 136929 in their name has been allowed.

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Hoechst Aktiengesellschaft of 6230 Frankfurt/Main 80, Federal Republic of Germany, Chemical Manufacturers, a corporation organized under the laws of the Federal Republic of Germany, have made an application under Section 57 of the Patents Act, 1970 for amendment of claims of patent application No. 143735 for "Liquid aqueous dyeing preparations of reactive dyestuffs". The amendments are by way of correction so as to define the invention more clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

114359—Greaves Cotton & Company Ltd.

131702—Jem Co.,

137413—The Secretary, National Research Development Corporation of India.

140264—N. K. Enterprises.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	*Title of the invention*
79998 (20-4-72)	Process for the production of pyrrolidinones and thionpyrrolidinones.
89487 (20-4-72)	A method for the production of vaccines.
93417 (20-4-72)	A process for the preparation of new penicillins.
110722 (20-4-72)	A process for the preparation of L-(-)-α-methyl-β- (3, 4-dihydroxy-phenyl)-alanine.
120712 (20-4-72)	A process for preparing 6-aminopenicillanic acid.
121556 (20-4-72)	Process for obtaining polyhydroxyphenyl chromones which stabilise the cell structure and the cytometabolism.
122332 (20-4-72)	Method for the preparation of aminopiperidine derivatives.
126411 (20-4-72)	A process for the preparation of mecicinal compositions with controlled resorption.
133303 (20-4-72)	Process for the preparation of 2, 4-diamino-5-benzylpyrimidines.
135043 (24-3-72)	Method of preparing a hydrorefining catalyst.
135091 (28-3-72)	Method for separation of emulsion formed in microbiological dewaxing of petroleum fractions having distillation range from 230 to 450°C.
135721 (27-6-72)	Process for the production of transparent impact-resistant polymers of vinyl chloride

RENEWAL FEED PAID

75610 88433 88691 93714 93973 94041 94601 94632 94695 94857 95744 95745 97247 99088 99439 99794 99897 99940

100117 100211 100425 101569 102376 102820 102821 102822
102823 105461 105543 105550 105616 105652 106067 108366
109279 110037 110685 110780 110952 111005 111043 111098
111911 113022 113023 113638 113639 114343 114953 115401
115453 115873 116223 116309 116322 116379 116441 116712
116944 116982 120830 120840 121458 121674 121675 121746
121818 121892 121893 121918 121921 121922 121950 121961
121962 121969 121996 122146 122175 122379 122579 123442
124564 124894 126295 126346 126355 126718 126808 126825
126882 126974 127032 127088 127105 127106 127125 127231
127251 127277 127366 127378 130120 130364 131105 131382
131476 131560 131585 131595 131604 131609 131643 131659
131747 131749 131904 131920 132844 134862 134948 134977
135292 135378 135666 135863 135988 136180 136248 136269
136293 136295 136315 136331 136345 136430 136446 136452
136481 136603 136604 136849 136978 137165 137274 138017
138018 138256 138275 138352 138373 138542 138711 138759
138777 138797 138893 138920 139093 139157 139179 139247
139254 139275 139423 139442 139451 139457 139714 139857
139896 139902 139985 140143 140343 140505 140535 140654
140776 140858 140910 141083 141180 141559 141563 141569
141570 141595 141649 141653 141717 141813 141872 141876
141950 142060 142114 142120 142208 142209 142248 142326
142467 142471 142492 142537 142540 142589 142614 142648
142699 142717 142823 142973 142974 143050 143051

95835 109762 109773 109777 109782 109788 109791 109792
109796 109819 109836 109843 109878 109903 109915 109928
109930 109948 109953 109954 109987 110004 110071 110080
110085 110088 110125 110146 110147 110173 110179 110186
110201 110215 110260 110275 110276 110281 110282 110293
110319 110339 110342 110356 110369 110372 110373 116235
127139 130897 138795 133989 141200 141337

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an applcaton was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 126522 granted to Prabir Nag for an invention relating to "dial gauges". The patent ceased on the 5th May, 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India Part III, Section 2 dated the 28th April, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 24th August, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 126550 granted to Prabir Nag, for an invention relating to "improvements in or relating to drilling machines". The patent ceased on the 6th May, 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 28th April, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 24th August, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139459 granted to The Fertilizer Corporation of India Limited for an invention relating to "A process for the recovery of nickel in the form of nickel salts from the effluent in the manufacture of nickel based reformation catalysts". The patent ceased on the 30th June, 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 22nd April, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 24th August, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 141553 granted to Anjan Roy for an invention relating to "A toy resembling a flying saucer". The patent ceased on the 18th February, 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 22nd April, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 on or before the 24th August, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the dates of registration of designs included in the entry.

Class 1. No. 145700. Vawaco Enterprises, 326, Allied Industrial Estate, Bombay-400016, State of Maharashtra, India, a proprietory concern. "A watch of strap buckle" June 20, 1977.

Class 1. No. 145708. Jyoti Limited, a Company incorporated under the provisions of Indian Companies Act, of P.O. Chemical Industries, Industrial Area, Baroda-390003, State of Gujarat, India. "Chaff-Cutter, June 21, 1977.

Class 1. No. 145723. Iteo Private Limited, an Indian Company duly registered and incorporated under the Companies' Act, 1956 and having its registered office at: Svadeshi Mills Compound, Tata Road, Opera House, Bombay-400004 Maharashtra, India. "Lamp", June 24, 1977.

Class 1. No. 145751. Keshavbhai Dholabhai Patel, Indian National, residing at 'Divya Flats', 2nd floor, Athva Line, near Lal Bunglow, Surat, State of Gujarat, India. "Chamber Head". June 28, 1977.

Class 1. No. 145752. Keshavbhai Dholabhai Patel, Indian National, residing at "Divya Flats' 2nd floor, Athva Line, near Lal Bunglow, Surat, State of Gujarat, India. "Stove-Priming Rod". June 28, 1977.

Class 1. No. 145753. Keshavbhai Dholabhai Patel, Indian National, residing at 'Divya Flats', 2nd floor, Athva Line, near Lal Bunglow, Surat, State of Guajrat, India. "A burner" June 28, 1977.

Class 1. No. 145755. Keshavbhai Dholabhai Patel, Indian National, residing at 'Divya flats' 2nd floor, Athva Line, near Lal Bunglow, Surat, State of Gujarat, India. "Pressure Stove". June 28, 1977.

Class 1. No. 145756. Keshavbhai Dholabhai Patel, Indian National, residing at 'Divya flats', 2nd floor, Athva Line, near Lal Bunglow, Surat, State of Gujarat, India. "Pan support for pressure stoves". June 28, 1977.

Class 1. No. 145754. Keshavbhai Dholabhai Patel, Indian National, residing at Divya flats, 2nd floor, Athva Line, near Lal Bunglow, Surat, State of Gujarat, India. "Gas-Chamber" June 28, 1977.

Class 1. No. 145757. Rex Auto Products, 3060-Bahadurgarh Road, Delhi (An Indian Partnership Concern). "Mirror" June 29, 1977.

Class 3. No. 145676. Uniroyal AG., a corporation organised under the laws of the District Court of Aachen, West Germany, having an office at D-5100 Aachen 1, Huettenstrasse 7, West Germany. "Tyre for a vehicle wheel" June 15, 1977.

Class 3. No. 145699. Shirke Brothers Industries, C-8, Industrial Estate, Ratnagiri (Maharashtra State) 415612, India, an Indian Proprietory Concern. "Emergency light, cum Battery". June 18, 1977.

Class 3. No. 145721 & 145722. Uniroyal AG., a corporation organized under the laws of the District Court of Aachen, West Germany, having an office at D-5100 Aachen 1, Huettenstrasse 7, West Germany. "Tyre for a vehicle wheel". June 23, 1977.

Name Index of Applicants for Patents for the Month of March, 1978 (Nos. 219/Cal/78 to 350/Cal/78, 57/Bom/78 to 94/Bom/78, 32/Mas/78 to 47/Mas/78 and 163/Del/78 to 238/Del/78)

Name & Appln. No.

-A-

A.C.R.E.T. (Atelier DU Centre DE Recherche Etudes ET Travaux).—179/Del/78.

A. E. Staley Manufacturing Company.—336/Cal/78.

Aaren Advertising Private Limited.—61/Bom/78.

Ahmedabad Textile Industry's Research Association.—93/Bom/78, and 94/Bom/78.

Aktiebolaget, IRO.—238/Cal/78.

Aluminium Pechiney.—194/Del/78.

Anchor Industries.—73/Bom/78.

Anderson, L.—292/Cal/78.

Apex Engineering Private Limited.—77/Bom/78.

Asahi Kesei Kogyo Kabushiki Kaisha.—269/Cal/78.

Azerbaidzhansky Nauchno-Issledovatelsky Institut Vodnykh Problem.—343/Cal/78.

'B'

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B. F. Goodrich Company, The.—285/Cal/78.

B. H. B. Engineers Pty. Ltd.—334/Cal/78

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Banerji, S. B.—83/Bom/78.

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Bhasin, R.—273/Cal/78.

Bhattacharyya, A. (Dr.).—206/Del/78.

Biswas, B K.—227/Cal/78.

Biswas, P. K. (Dr.).—204/Cal/78.

Boehringer Mannheim GmbH.—231/Cal/78.

Boots Company Limited, The.—241/Cal/78.

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Bosshold, B. L.—307/Cal/78.

Brass Arts India Private Limited.—260/Cal/78.

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Ciba-Geigy AG.—313/Cal/78, and 314/Cal/78.

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Das, P. S.—88/Bom/78.

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-Y-

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-Z-

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PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1978